

What is claimed is:

1. A system for automatically metering a predetermined dosage of a medicament from a cartridge, the system comprising:

- (a) an elongated tubular cartridge containing said medicament, the cartridge including anterior and posterior ends and a plunger moveable in said cartridge to dispense said medicament through said anterior end; wherein said cartridge further includes tab means in the interior thereof;
- (b) a pistol grip syringe body capable of receiving said cartridge and including a trigger mounted on said body; said trigger being moveable;
- (c) an elongated plunger rod carried by said syringe body and having a forward end axially aligned with said cartridge; and
- (d) detent means moveable by said trigger for stopping forward movement of said plunger rod when said detent means contacts said tab means in said cartridge.

2. A system in accordance with claim 1, wherein said tab means comprises a ring secured to said interior of said cartridge.

3. An elongated tubular cartridge for containing a medicament, said cartridge including anterior and posterior ends and a plunger positioned within said cartridge; wherein said plunger is moveable in said cartridge to dispense said medicament through said anterior end; wherein said cartridge further comprises an interior wall with tab means projecting into said cartridge from said interior wall; wherein said tab means is spaced a predetermined distance from said posterior end.

4. A cartridge in accordance with claim 3, wherein said tab means comprises a ring projecting inwardly into said cartridge.

5. A pistol grip syringe body dispensing member including a main frame and further comprising:

- (a) a tubular barrel portion sized for receiving and supporting an elongated cartridge;
- (b) a trigger moveably mounted on said frame and being moveable between open and retracted positions;
- (c) an elongated plunger rod having a forward end; wherein said plunger rod is axially aligned with said cartridge when positioned in said barrel portion;
- (d) detent means being moveable by said trigger and being adapted to engage tab means in the interior of a cartridge positioned in said barrel portion to thereby stop forward movement of said plunger rod at a predetermined point;

wherein movement of said trigger from said open position to said retracted position causes said plunger rod to advance said plunger rod a predetermined distance.